LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
Data File : VU052765.D
Acq On : 20 Jan 2023 17:09
Operator : JC/MD
Sample : VIBLK144
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK144

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052765.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	73	81	97	rVB	79560	92721	2.72%	0.991%
2	1.916	169	179	194	rBV	59150	80696	2.37%	0.862%
3	2.568	370	382	401	rVB	128522	208957	6.14%	2.233%
4	4.642	1007	1027	1066	rBV2	71868	295641	8.69%	3.159%
5	5.060	1139	1157	1186	rVB2	117555	260903	7.67%	2.788%
6	5.722	1341	1363	1392	rBV2	238319	624953	18.37%	6.678%
7	6.247	1512	1526	1549	rBV	183884	349984	10.29%	3.740%
8	6.687	1650	1663	1686	rVB	147955	290211	8.53%	3.101%
9	7.562	1926	1935	1953	rVB2	80795	142960	4.20%	1.528%
10	7.896	2027	2039	2053	rBV	304165	524360	15.41%	5.603%
11	8.176	2117	2126	2141	rVB2	51035	85649	2.52%	0.915%
12	8.632	2257	2268	2301	rVB2	392019	751521	22.09%	8.030%
13	9.414	2499	2511	2529	rBV	263270	432112	12.70%	4.617%
14	10.751	2917	2927	2949	rVB	128937	203953	5.99%	2.179%
15	11.809	3244	3256	3271	rBV	286480	452608	13.30%	4.836%
16	12.188	3362	3374	3393	rVB	294645	466993	13.72%	4.990%
17	12.307	3402	3411	3422	rBV	37929	58274	1.71%	0.623%
18	14.082	3939	3963	3984	rBV	2144248	3402822	100.00%	36.361%
19	14.204	3991	4001	4014	rVB	74429	127871	3.76%	1.366%
20	15.217	4305	4316	4339	rVB	162818	268471	7.89%	2.869%
21	15.407	4364	4375	4391	rVB	83933	138218	4.06%	1.477%
22	17.455	5004	5012	5036	rVB3	52286	98482	2.89%	1.052%

Sum of corrected areas: 9358360

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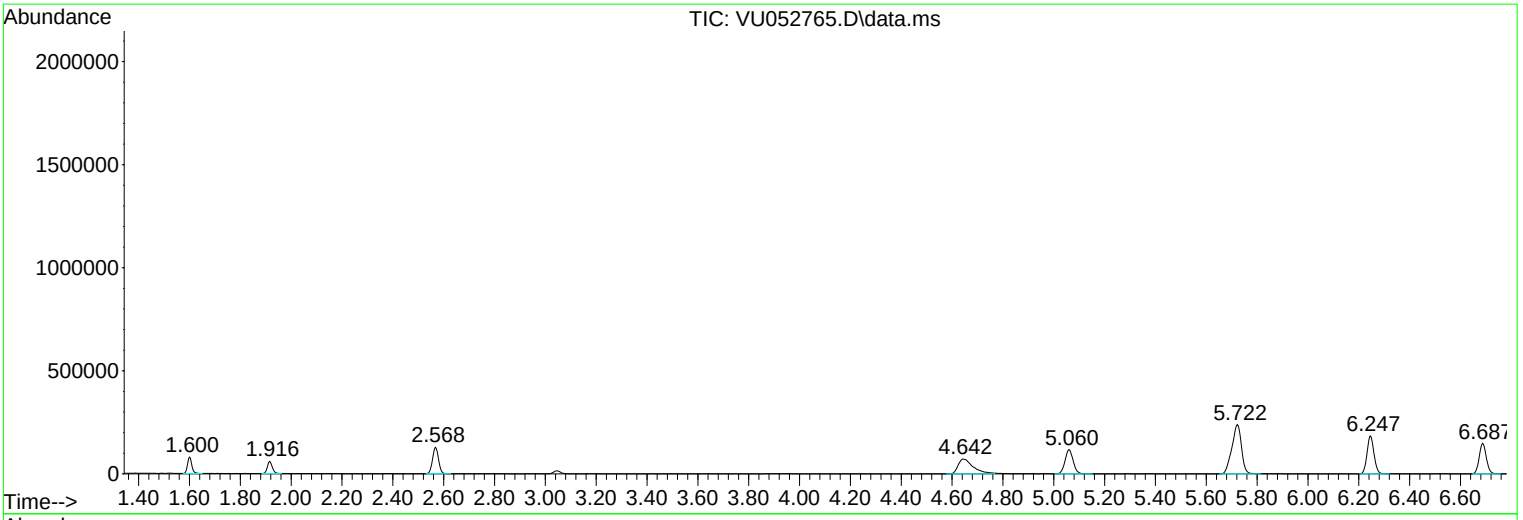
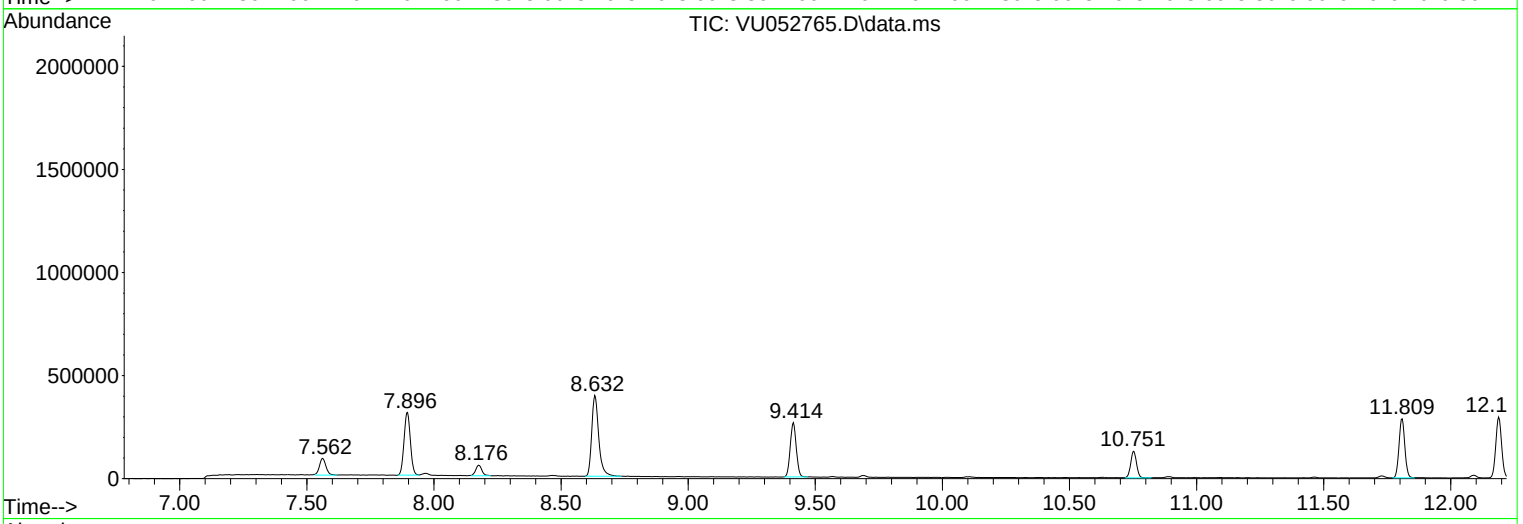
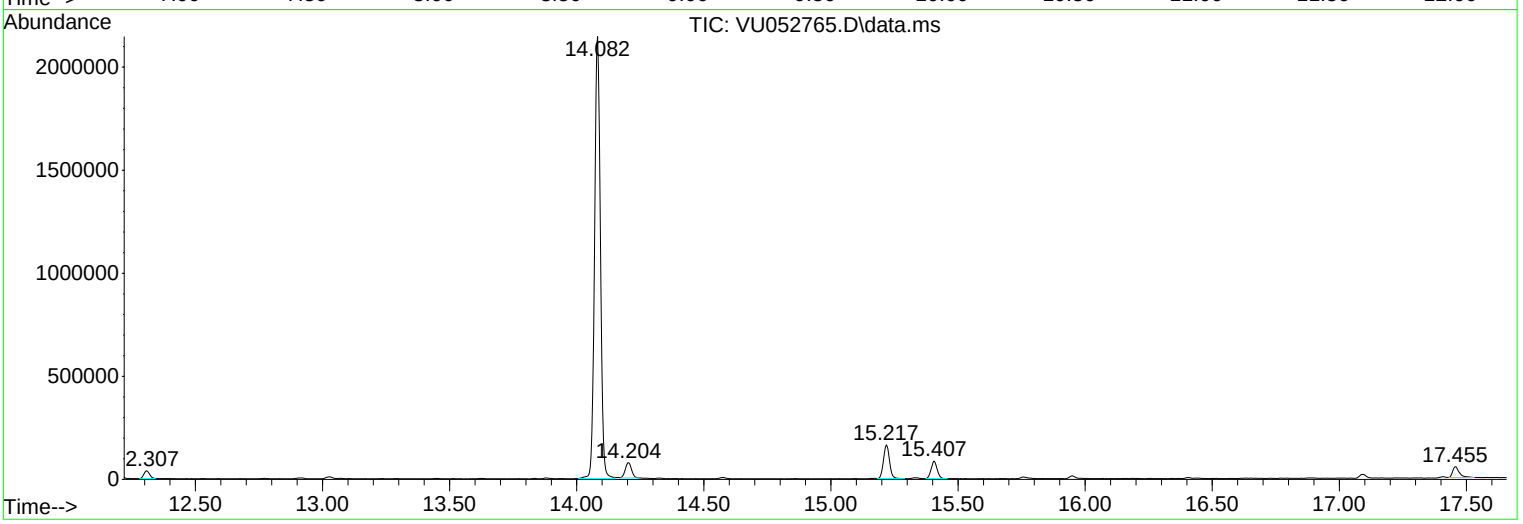
ClientSampleId :
VIBLK144

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : TRACE VOA SFAM1.0

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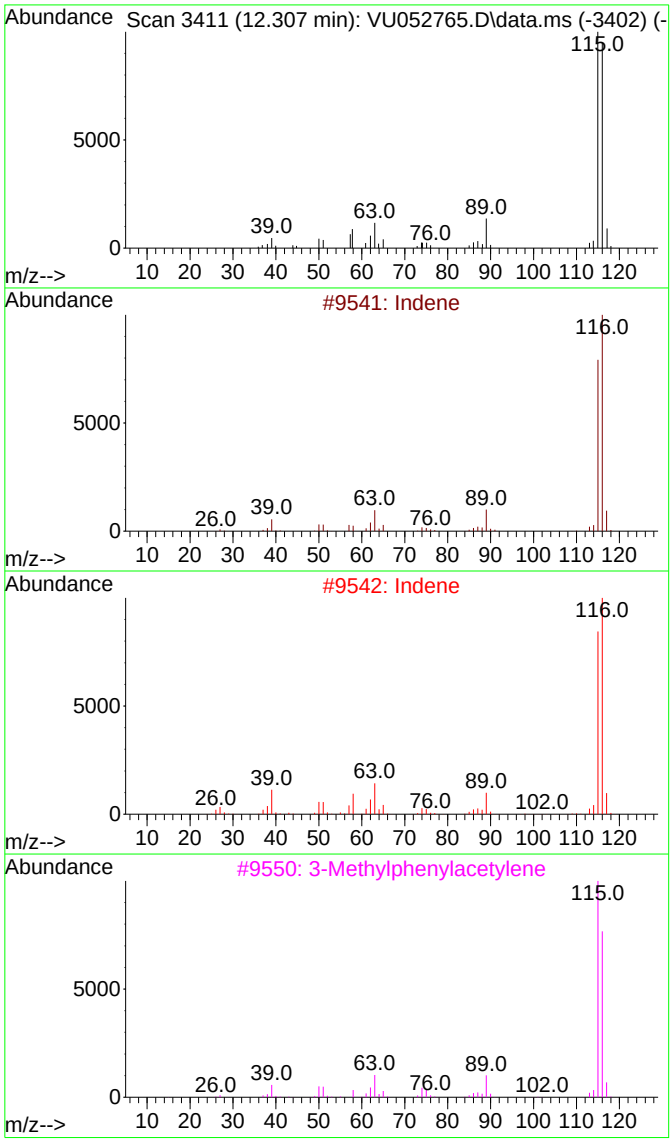
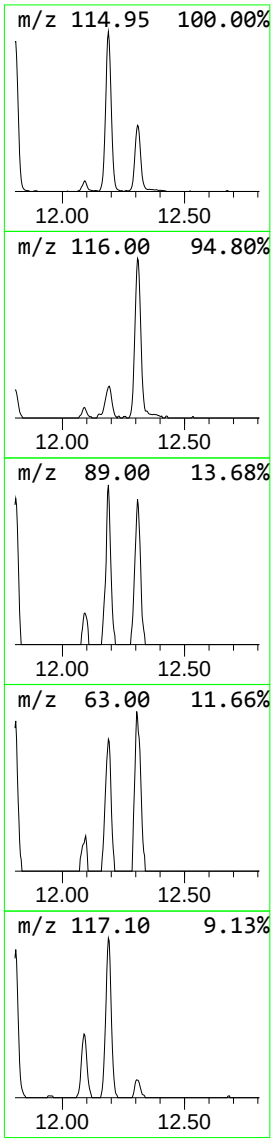
Peak Number 2 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	0.64 ug/L	58274	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	96
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





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ClientSampleId :
VIBLK144

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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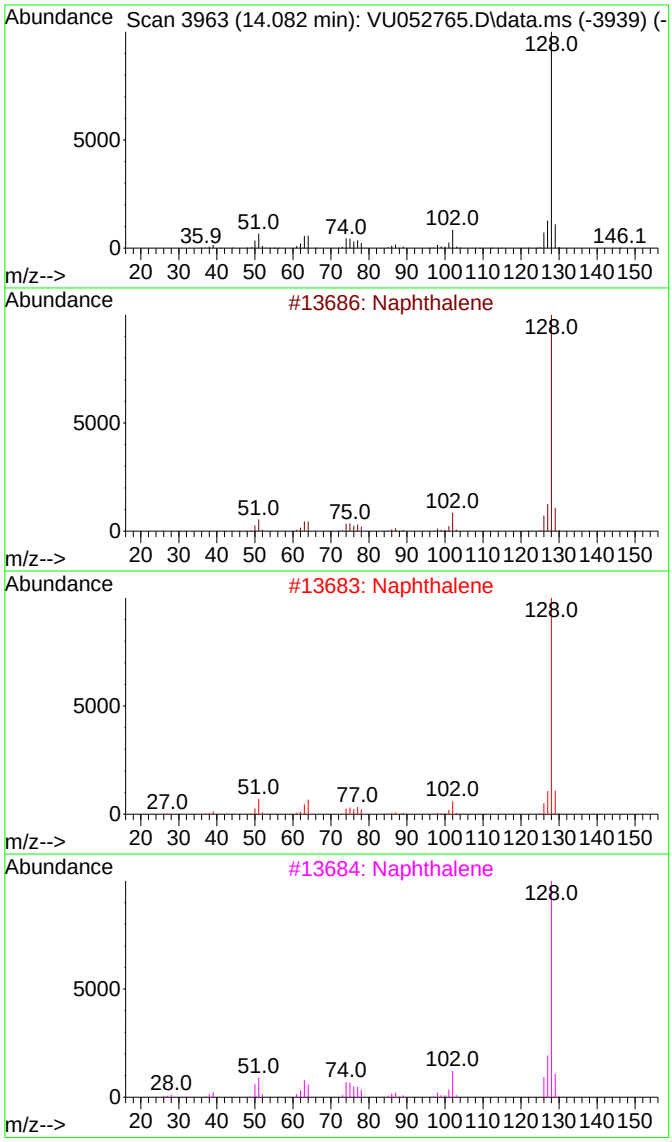
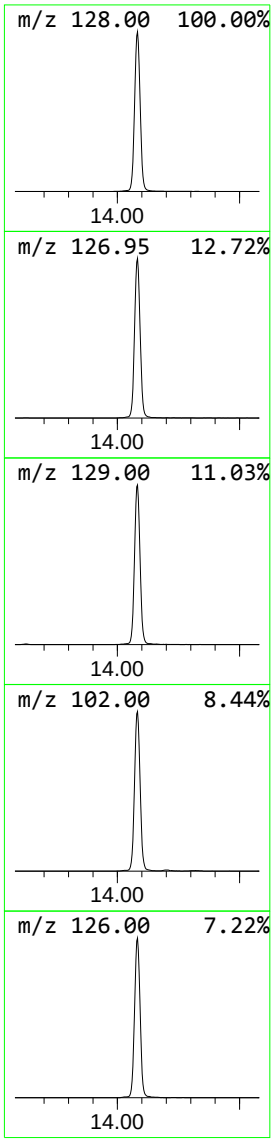
Peak Number 3 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.082	37.59 ug/L	3402820	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Naphthalene	128	C10H8	000091-20-3	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK144

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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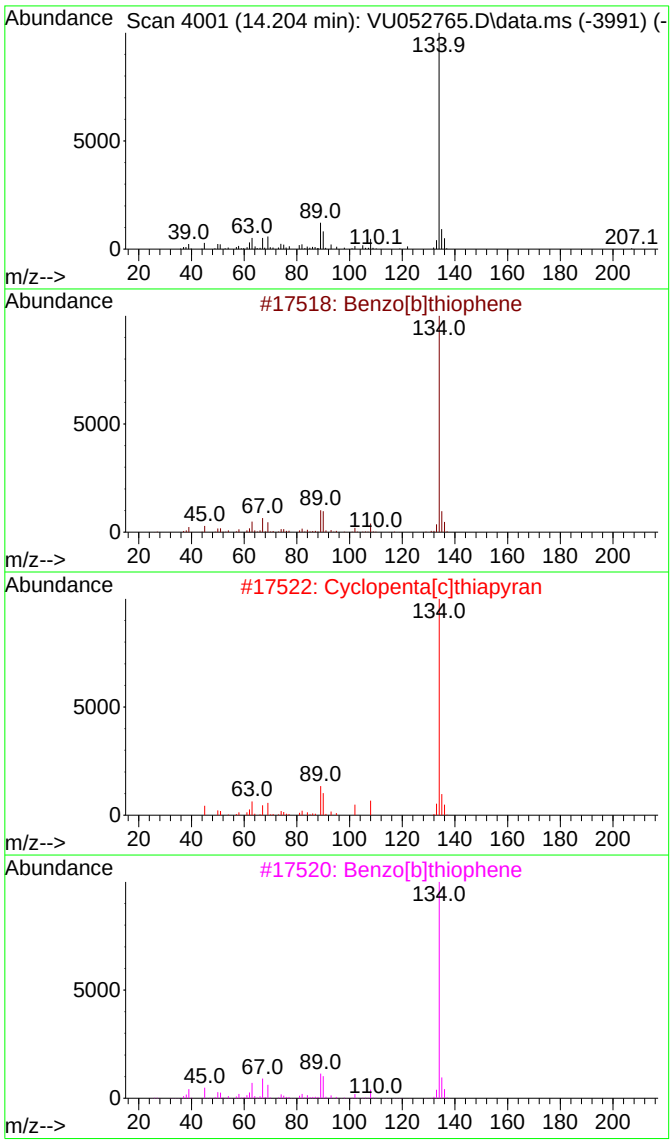
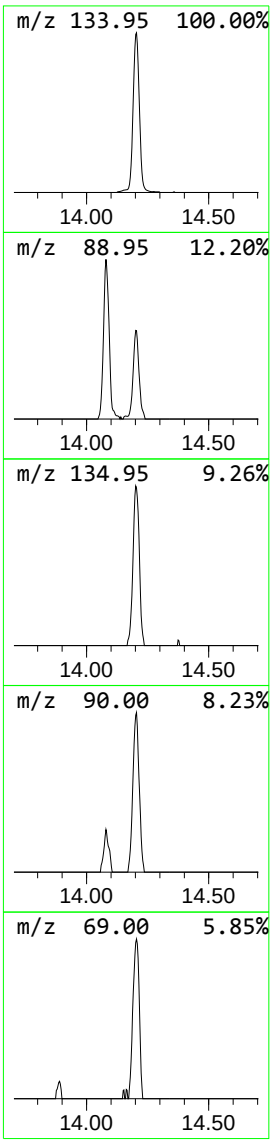
Peak Number 4 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	1.41 ug/L	127871	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	91
5	6-Phenyl-[1,3]thiazine-2,4-dione	205	C10H7NO2S	1000300-90-1	64





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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0

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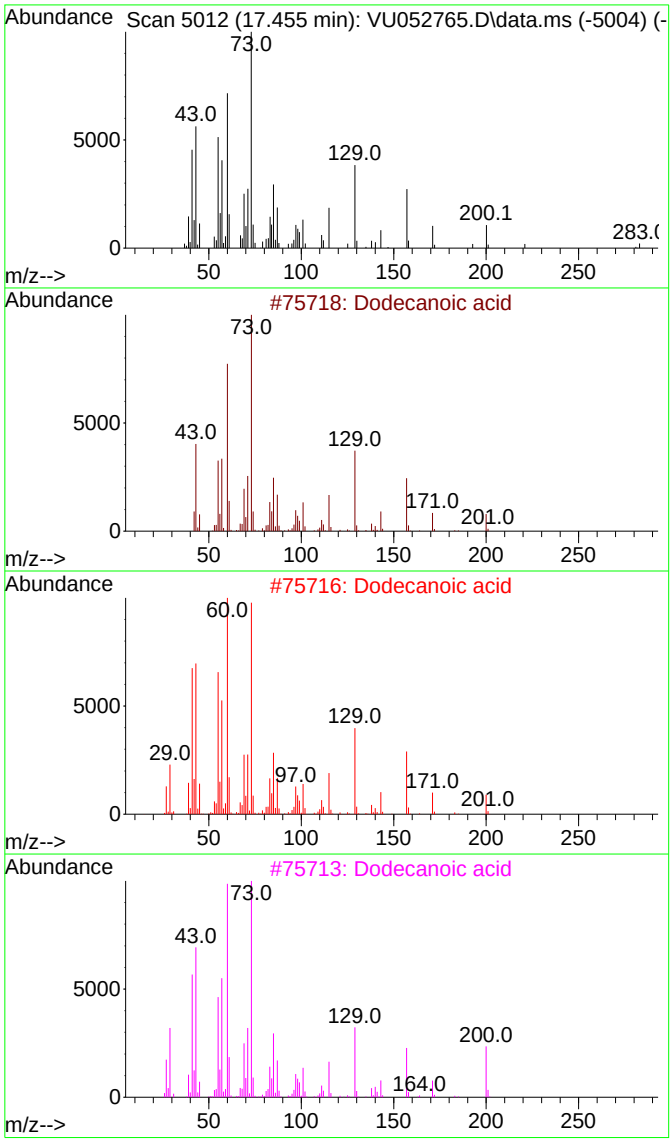
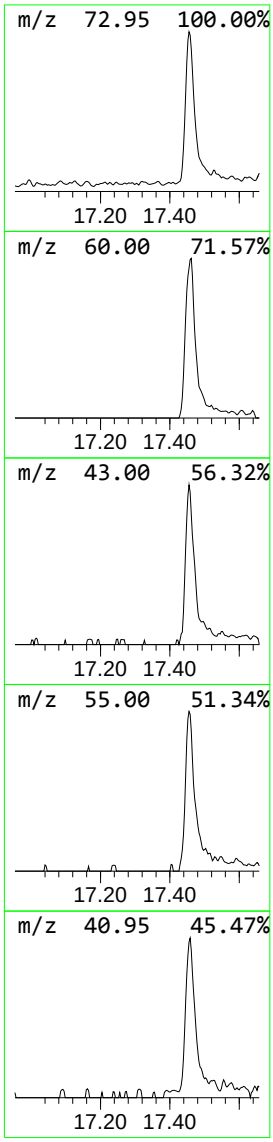
Peak Number 7 Dodecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.455	1.09 ug/L	98482	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2	Dodecanoic acid	200	C12H24O2	000143-07-7	99
3	Dodecanoic acid	200	C12H24O2	000143-07-7	95
4	Dodecanoic acid	200	C12H24O2	000143-07-7	94
5	Dodecanoic acid	200	C12H24O2	000143-07-7	83





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indene	12.307	0.6	ug/L	58274	3	11.809	452608	5.0
Azulene	14.082	37.6	ug/L	3402820	3	11.809	452608	5.0
Benzo[b]thiophene	14.204	1.4	ug/L	127871	3	11.809	452608	5.0
Dodecanoic acid	17.455	1.1	ug/L	98482	3	11.809	452608	5.0